

White Oak

Quercus alba



Type	Deciduous Tree
Height	75 - 100 Feet
Spread	75 - 100 Feet
Form	Rounded
Utilities	Incompatible
Growth Rate	Slow
Life Expectancy	Long
USDA Zone	4 - 8
Root Type	Tap



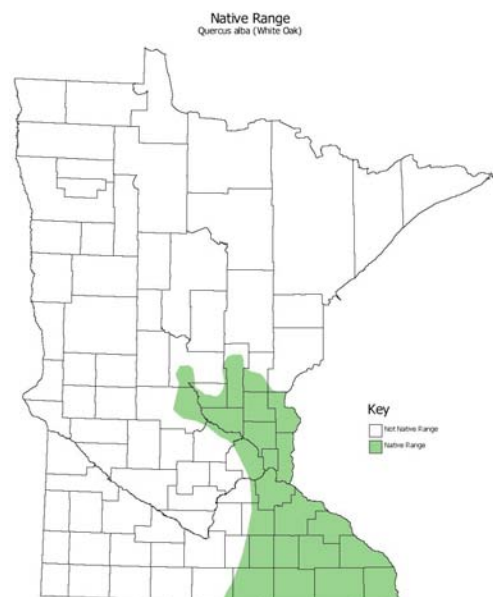
Plant Community

Sun	Full Sun through Partial Sun
Orientation	South or West
Soil Texture	Sand through Clay

Soil Water Holding Capacity	Xeric or Mesic
Topography	Upland

Plant Community Forest or Open Cliff

Succession Pioneer or Intermediate



Origin MSA Zone 1, MSA Zone 2, MSA Zone 4, MSA Zone 6, Minnesota or North America

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Flowers/Foliage/Fruit

Flower Color	Yellow
Flower Season	Spring
Fruit	Nut
Fruit Color	Brown
Fruit Season	Autumn

Summer Texture Medium

Winter Texture Coarse

Spring Foliage Green

Summer Foliage Green

Fall Foliage Brown or Purple

Winter Foliage Not Applicable



Soils

Salt Spray	Moderate
Soil Salt	Tolerant
Compaction	Intolerant
Water Table	24 Inches
Drainage	Excessive or Moderate
Flood Tolerance	Intolerant
Drought Tolerance	
Moisture Regime	Moist or Wet
pH	6 through 7

Planting Ease

Spring Bareroot	
Fall Bareroot	
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Windbreak Group



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Maintenance

Formal	Moderate
Informal	Low
2, 4-D Tolerance	Sensitive
DicambaTolerance	Sensitive
PicloramTolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	Moderate
Sulfur Dioxide	Moderate
Ozone Tolerance	Sensitive
Hydrogen Flouride	Moderate
Nitrogen Oxide	Tolerant



Pests/Problems

Allergens both sexes 8

Invasivness

Toxicity

Cold Injury Infrequent

Storm Damage Infrequent

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating High

Insect Concerns Minor

Disease Concerns Minor

Wildlife Concerns

Comments

Handsome oak that should be planted more often. Plant only northern strains. Bare root plants require sweating; not recommended for fall planting. Wood valued for furniture, wine casks, and boats. May hold some leaves over winter.